

Title (en)

Method and system for removing heat from an active area of an integrated circuit device

Title (de)

Verfahren und System zur Wärmeableitung von einer wirksamen Fläche eines integrierten Schaltung-Bauelements

Title (fr)

Procédé et système pour l'évacuation de chaleur d'une zone active d'un composant circuit intégré

Publication

EP 1385206 B1 20150617 (EN)

Application

EP 03254327 A 20030708

Priority

US 20571502 A 20020726

Abstract (en)

[origin: EP1385206A2] A method for removing heat from an active area of an integrated circuit device is provided. The method includes applying a separator to the active area of the integrated circuit device. A thermally conductive element is coupled to the active area of the integrated circuit device outwardly of the separator. <IMAGE>

IPC 8 full level

H01L 23/31 (2006.01); **H01L 23/36** (2006.01); **H01L 23/40** (2006.01)

CPC (source: EP US)

H01L 23/3121 (2013.01 - EP US); **H01L 23/36** (2013.01 - EP US); **H01L 23/4006** (2013.01 - EP US); **H01L 23/4093** (2013.01 - EP US); **H01L 2023/4043** (2013.01 - EP US); **H01L 2224/32245** (2013.01 - EP US); **H01L 2224/48227** (2013.01 - EP US); **H01L 2224/48247** (2013.01 - EP US); **H01L 2224/83191** (2013.01 - EP US); **H01L 2224/83192** (2013.01 - EP US); **H01L 2924/1815** (2013.01 - EP US)

Citation (examination)

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